

Totnes St John's Primary School: Curriculum Overview for Year 4

<h2>English</h2> <h3>Teaching & Learning Sequences</h3> <p><u>Autumn term</u> Poetry: Creating images: Apples theme.</p> <p>Narrative: Stories with historical settings: Tudors theme.</p> <p>Narrative: Stories with issues and dilemmas: The Iron Man. The Tunnel.</p> <p>Plus rich and varied reading, incl. regular Guided Reading and Book Talk.</p> <p><u>Spring Term</u> Narrative: Stories set in Imaginary Worlds: The Lion, the Witch and the Wardrobe.</p> <p>Non-fiction: Recounts – newspapers and magazines: Creating a Newspaper.</p> <p>Non-fiction: Information texts: The Rainforest Habitat and Animals of the Amazon.</p> <p><u>Summer Term</u> Narrative: Stories with an environmental theme: Texts include: The Great Kapok Tree, The Vanishing Rainforest, Jaguar, Window, Where the Forest Meets the Sea.</p> <p>Poetry: Exploring form: Water cycle theme, Pets theme.</p> <p>Persuasive Writing: One Dog and His Boy</p>	<h2>Art & Design</h2> <p>Use sketchbooks; develop techniques; work small, work big, work individually, work collaboratively...</p> <p>Materials include: pastels, watercolours, chalks, wax crayons, pencil, felt-tipped pens, paint, natural pigments, cardboard and paper, collage materials, clay, fabric, mixed media.</p> <p>Artists and Designers include: Cezanne, Holbein, logo designers, Eric Joyner, Aboriginal artists, Jeannie Baker, possibly Monet, local artists where possible.</p> <p>Projects include: still life portraits, Totnes buildings, logo designs, dioramas, boomerangs, habitat collages, waterlilies, Saxon pots, 'en plein air'</p>	<h2>Computing</h2> <p>In Year 4, we are using the Rising Stars programme, 'Switched on Computing.'</p> <p>To begin with, we are drawing units of work and learning experiences from earlier years planning.</p> <p>As our experience develops and our competence increases we will move towards covering the entire Year 4 programme.</p> <p>This year, we are using Microsoft Office [Word, Excel, PowerPoint, Publisher] as well as Scratch, and we are developing stop-go animation skills. We may also look at StickMan.</p>	
<h2>Mathematics</h2> <h3>Rising Stars framework</h3> <p><u>Autumn Term</u> Number Sense Counting, place value, rounding.</p> <p>Additive Reasoning Addition and subtraction problems, mental and written methods. Measures, money, graphs.</p> <p>Multiplicative Reasoning Multiplication and division, distributive and associative laws, solve problems.</p> <p>Geometric Reasoning Classify 2D shapes, explain properties of triangles and quadrilaterals.</p> <p>Number Sense Negative numbers, counting, place value, rounding, Roman numerals.</p> <p><u>Spring Term</u> Additive Reasoning Addition and Subtraction problems in contexts, e.g. distance, money. Statistics: bar charts etc.</p> <p>Number Sense Decimals, Fractions. Convert between units of measure.</p> <p>Multiplicative Reasoning Multiplication, division and fractions, scaling problems, Convert hours to minutes etc.</p> <p>Geometric Reasoning 1st quadrant coordinates, describe movements as translations.</p> <p><u>Summer Term</u> Number Sense Counting, place value, rounding; analogue and digital time; tables, charts, graphs etc, solve problems.</p> <p>Additive Reasoning Addition and subtraction up to 4digits, 2-step problems in contexts; use graphs; measure and money problems.</p> <p>Number Sense Decimals up to 2dp, rounding, equivalent fractions and decimals.</p> <p>Multiplicative Reasoning Multiply 2 & 3 digit nos. by 1-digit number.</p> <p>Geometric reasoning Perimeter, area, line Symmetry.</p>	<h2>Design & Technology</h2> <p>Food and cookery: hygiene & safety; bread, vegetable dishes, salads, pies – history linked; veg plot project ; fruit kebabs.</p> <p>Electrical: plan, design, make and evaluate circuit in response to Science challenge, Autumn term.</p> <p>Horticulture: the vegetable plot project – can we grow our lunch?</p> <p>Textiles: learn about processes from fleece to fabric; weaving, natural dyes [history-linked].</p> <p>Construction: diorama worlds, measuring accurately etc. Bridges project, linked to Geography in Summer term.</p>	<h2>Geography</h2> <p>Then and Now: Compare the Totnes of Tudor times to Totnes today – trade, land use, settlement size, use of river...</p> <p>Brilliant Brazil! Continents, climate zones, biomes, vegetation belts... Brilliant Brazil! A region of South America.</p> <p>Source to Sea. River Dart watershed compared to River Amazon. Skills and fieldwork – out and about in our locality. & Locational Knowledge developed though our House points Around The World project.</p>	
<h2>Science</h2> <p>Physics for The Iron Man! Electricity: Can we light up The Iron Man's eyes? Sound: Music to make The Iron Man happy!</p> <p>Brilliant Biology: Living things & their habitats, based on Brazil and the Amazon Rainforest [Geography link]. Comparing food chains of British woodland and Rainforest habitats.</p> <p>The Water Cycle. Chemistry: States of Matter.</p> <p>Biology: Healthy Me! Open Wide! What happens to food we eat? Digestion and functions of teeth.</p>	<h2>History</h2> <p>The Battle of Bosworth [Transition project] Time Travel Totnes: Tudor Traders, c 1575: a local history study. How did people live? How do we know? Why was Totnes so successful in the reign of Elizabeth I?</p> <p>Evacuation Enquiry, initiated by English text, 'The Lion, the Witch and the Wardrobe.'</p> <p>Time Travel Totnes: Saxon Settlers. 'Britain's settlement by Anglo Saxons & Scots' 400 - 900AD. If time allows: Our River Through Time: a local history study to develop chronological understanding.</p>	<h2>Modern Languages</h2> <h3>French</h3> <p>Listen and engage. Memorise and present a short spoken text. Listen for sounds, rhyme and rhythm. Write simple words and phrases using a model and some words from memory. Learn about festivals and celebrations in different cultures. Compare traditional stories. Learn about ways of travelling to the country/countries</p>	<h2>Music</h2> <p>Use voice and instruments with increasing accuracy, control and expression.</p> <p>Improvise and compose music. Listen with attention to detail. Appreciate wide range of music, recorded and live.</p> <p>Themes include: We've got rhythm, Sound logos, Fanfare for a king, Music to make the Iron Man happy, Music in film, Carnival! Rainforest and The River's Journey [Vltava by Smetana].</p>
		<h2>Physical Education</h2> <p>Area Sports programme:</p> <p>Year A Netball Gymnastics Dartmoor Three Ball</p> <p>Year B Tag Rugby Hand Ball Athletics</p> <p>Additional PE units:</p> <p>Year A Gymnastics, Dance Circuit Training, Swimming Dance, Athletics</p> <p>Year B Gymnastics, Dance Circuit Training, Swimming Dance, Rounders</p>	<h2>PSHE</h2> <p>Whole school themes: New Beginnings, Getting on and Falling out, Say No to Bullying, Going for Goals, Good to be Me, Relationships, Changes.</p> <h2>Religious Education</h2> <p>Topics covered in Year 4 include: our community, friendship, trust, courage, respect, feelings, temptation, creation stories, what a wonderful world - stewardship, pilgrimage, special places, family.</p>

